

PROJECT DESCRIPTION (MOT PHASE 1B)

I. GENERAL:

THIS PHASE OF THE PROJECT INVOLVES THE REMOVAL OF THE EXISTING MEDIANS AND SECTIONS OF THE ISLANDS IN THE SOUTHEAST AND SOUTHWEST QUADANTS OF THE MD 175 (ANNAPOLIS ROAD) AND MD 713 (ROCKENBACH ROAD/ RIDGE ROAD) INTERSECTION.

TRAFFIC SIGNALIZATION WORK DURING THIS PHASE OF THE ROADWAY RECONSTRUCTION WILL ENTAIL THE INSTALLATION OF VIDEO DETECTION CAMERAS AND ASSOCIATED WIRING ON THE EXISTING STRAIN POLES. THE CAMERAS WILL BE USED FOR VEHICLE PRESENCE DETECTION FOR LEFT-TURNING VEHICLES ON ALL LEGS OF THE INTERSECTION.

MD 175 (ANNAPOLIS ROAD) IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

II. INTERSECTION OPERATION:

THE INTERSECTION CURRENTLY OPERATES IN A NEMA EIGHT-PHASE FULLY-ACTUATED MODE WITH EXCLUSIVE/PERMISSIVE LEFT-TURNS FOR ALL FOUR APPROACHES AND A RIGHT-TURN OVERLAP PHASE FOR THE SOUTHBOUND MD 713 TURN TO WESTBOUND MD 175.

PROJECT CONTACTS:

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MR. GUS PAYNE, CONSTRUCTION INSPECTION  
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MR. EDWARD RODENHIZER, CHIEF - SIGNAL SHOP  
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MR. SONNY BAILEY, CHIEF - SIGN SHOP  
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MS. JACQUELINE SCHULTZ - BGE  
PHONE: 410-470-8445

EQUIPMENT LIST 'A'

A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION.

CATEGORY CODE	QUANTITY	DESCRIPTION
900000	1 EA	VIDEO DETECTION INTERFACE UNIT 1-4 CAMERAS

EQUIPMENT LIST 'B'

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR

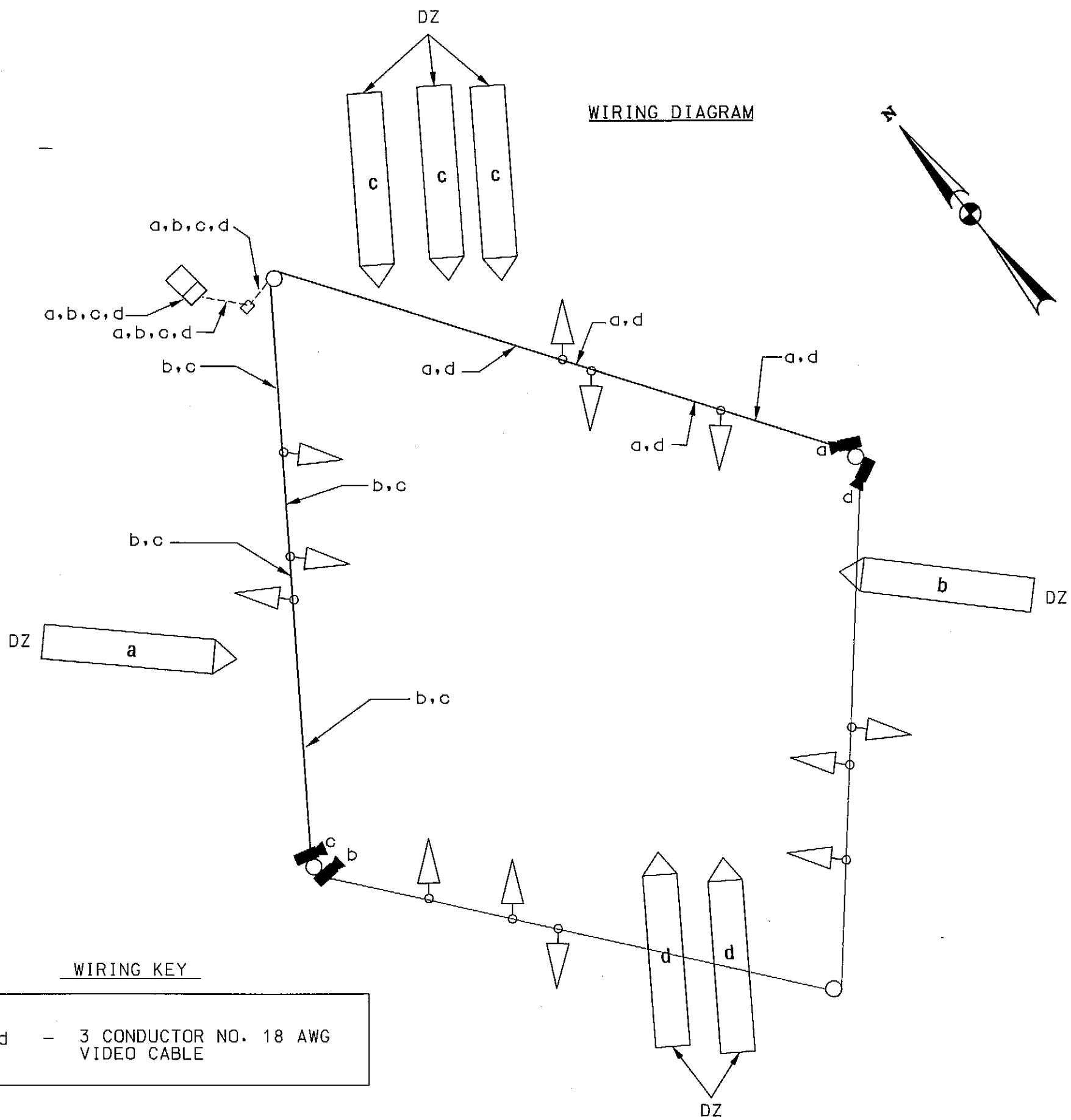
CATEGORY CODE	QUANTITY	DESCRIPTION
800000	4 EA	VIDEO DETECTION CAMERA, ANY LENGTH CABLE TO CONTROLLER

EQUIPMENT LIST 'C'

C. SHA FORCES SHALL REMOVE THE CONTROLLER AND ALL AUXILIARY EQUIPMENT FROM THE CONTROLLER CABINETS. THE CABINETS AND ALL OTHER MATERIALS TO BE REMOVED BY THE CONTRACTOR SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	12	
Phase 01 & 05	<G/R	<G/R	R	<G/R	<G/R	R	R	R	R	R	R	R/G>	
01 & 05 Change	<G/G	<G/G	G	R	R	R	R	R	R	R	R	R/G>	
01 Change	<Y/G	<Y/G	G	R	R	R	R	R	R	R	R	R/Y>	
Phase 02 & 05	R	R	R	<G/G	<G/G	G	R	R	R	R	R	R	
05 Change	R	R	R	<Y/G	<Y/G	G	R	R	R	R	R	R	
Phase 02 & 06	G	G	G	G	G	G	R	R	R	R	R	R	
02 & 06 Change	Y	Y	Y	Y	Y	Y	R	R	R	R	R	R	
Phase 03 & 07	R	R	R	R	R	<G/R	<G/R	R	<G/R	<G/R	R	R	
03 & 07 Change													
Phase 03 & 08	R	R	R	R	R	R	<G/G	<G/G	G	R	R	R	
03 Change	R	R	R	R	R	R	<Y/G	<Y/G	G	R	R	R	
Phase 04 & 07	R	R	R	R	R	R	R	R	R	<G/G	<G/G	G	
07 Change	R	R	R	R	R	R	R	R	R	<Y/G	<Y/G	G	
Phase 04 & 08	R	R	R	R	R	R	G	G	G	G	G	G	
04 & 08 Change	R	R	R	R	R	R	Y	Y	Y	Y	Y	Y	
Flashing Operation	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	



PHASE 1B



STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
MD 175 (ANNAPOLIS ROAD) AT  
MD 713 (ROCKENBACH RD / RIDGE RD)  
HANOVER, MD

MOT PHASE 1B - GENERAL INFORMATION PLAN

SCALE NONE DATE OCTOBER 2010 CONTRACT NO. AA580-5370

DESIGNED BY MR COUNTY ANNE ARUNDEL  
DRAWN BY ENB LOGMILE 02017507.31  
CHECKED BY MR /NR TIMS NO. J-968  
F.A.P. NO. ACPLHD-STP-TIP-3617(1)IE TOD NO.

TS NO.1295D-GI DRAWING 5G-02.1 OF 26 SHEET NO. 122 OF 195

**CENTURY**  
ENGINEERING  
CONSULTING ENGINEERS - PLANNERS  
10710 GILROY ROAD  
HUNT VALLEY, MD 21031

REVISION 'D' 23299.36